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[Unfractured: The Fight Against Fracking and more](#)

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January 22, 2018

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*"If a child is to keep alive his inborn sense of wonder, he needs the companionship of at least one adult who can share it, rediscovering with him the joy, excitement, and mystery of the world we live in." ~ Rachel Carson*

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## 1.5 Degrees Warming and the Search for Climate Justice for the Poor

A far-reaching report being drafted by the United Nations' authoritative climate science panel explores in comprehensive detail the [environmental justice](#), poverty and other human rights challenges facing the world as it pursues the urgent and daunting goals of the Paris Agreement.



"In a 1.5 degree Celsius warmer world"—a world we're likely to see by mid-century without a global transformation in the next decade, the latest version of the draft report says—"those most at risk will be individuals and communities experiencing multidimensional poverty, persistent vulnerabilities and various forms of deprivation and disadvantage."

Read more at [Inside Climate News](#)

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The National Wildlife Federation is excited to announce this year's All-Star line-up of inspirational keynote speakers for [EcoCareers Conference 2018](#)! Participants of the virtual event on February 21st and 22nd will have the opportunity to hear about the future of sustainability from the following top influencers in sustainability and conservation career sectors:

[Register here](#)

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## **Governor Murphy Plays to Environmentalists from Day One**



Imagine this: A governor talking about the sad reality of climate change, investing aggressively in renewable energy, and creating housing safe from the danger of lead.

To the state's diverse environmental

community, Gov. Phil Murphy's inaugural speech signaled that New Jersey once again should embrace a leadership role in protecting its air, water, and land from the legacy of pollution that too often in the past defined it.

While short on specifics, Murphy yesterday vowed to push the state in a different direction than in the past eight years, fighting here in New Jersey and in Washington, D.C. to lead the nation in progressive policies.

Read more at [NJSpotlight](#)

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## **Ford to Invest \$11bn and Have 40 Hybrid and Fully Electric Vehicles by 2022**

Ford Motor Co will significantly increase its planned investments in electric vehicles to \$11bn by 2022 and have 40 hybrid and fully electric vehicles in its model line-up, the company's chairman, Bill [Ford](#), said on Sunday at the Detroit auto show.



The investment figure is sharply higher than a previously announced target of \$4.5bn by 2020, Ford executives said, and includes the costs of developing dedicated electric vehicle architectures.

Ford's engineering, research and development expenses for 2016, the last full year available, were \$7.3bn, up from \$6.7bn in 2015. Read more at [The Guardian](#)

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## North America's Largest Transit System is the Acid Test for Electric Buses



Compared with other bus system's in North America, New York City's is gigantic. It daily serves over two million passengers across all five boroughs with 5,700 buses, 330 routes, and 16,000 stops, and it operates in a uniquely hostile environment of stop-and-go traffic. The average NYC bus travels only 7.4 miles per hour—one of the slowest bus speeds in the US.

So if New York City can adopt all-electric buses, any place can. Last week the city began a three-year pilot with 10 buses from bus makers Proterra and New Flyer. If the buses prove themselves in the initial phase, the Metropolitan Transportation Authority plans to purchase 60 more.

Read more at [Quartz Media](#)

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## Government Contractor Monitoring Enbridge's Atlantic Bridge Gas Project Works Extensively for the Company

Early last year, the Federal Energy Regulatory Commission (FERC) approved the project, which aims to upgrade Enbridge's natural gas capacity in the Northeast U.S. The Atlantic Bridge project was originally initiated by Spectra Energy, which was purchased by Enbridge last February.



As [DeSmog previously reported](#), FERC hired Environmental Resource Management (ERM), a multinational environmental consulting firm that works extensively with the oil and gas industry, to oversee construction compliance of the project despite knowing ERM had a business relationship with Enbridge. Since ERM served as FERC's third-party contractor for the environmental review process during the project's application phase, Enbridge asked FERC to continue using the contractor. Read more at [Desmog](#)

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### ***Unfractured: A Documentary on Activism, Family and the Fight Against Fracking***

*Unfractured*, the new documentary about environmental activist and ecologist Dr.



Sandra Steingraber, is primarily about the personal sacrifices made by individuals like Steingraber while fighting for environmental causes and future generations.

“I try to tell my kids, 'Mom is on the job,'” Steingraber explains. “That is my job. To protect you and to plan for your future.” However, as Steingraber makes clear elsewhere in the film, we learn the reality: “It is not possible to do it all.”

While the documentary primarily follows the battle against fracking in New York, Steingraber also travels to Romania to meet with anti-fracking protesters there and then returns to New York to join efforts to stop natural gas storage in Seneca Lake salt caverns.

Learn more about being an “accidental activist” at [Desmog](#)

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## Special Opportunity: Redesigning Our Future Conference

[The Center for the Environment at Catawba College](#), [Rocky Mountain Institute](#), [Environmental Working Group](#) and [Yellowstone Forever](#) are partnering to provide an opportunity for young environmental leaders to learn, create, share, interact, grow, connect, and build relationships.



The summit will be held on the [Catawba College](#) campus, in [Salisbury, NC](#), just north of metropolitan Charlotte. Participants will be housed in Abernethy Village, a complex of LEED-certified residence halls. Programming will occur on Catawba

College's 189-acre [Fred Stanback, Jr. Ecological Preserve](#) and in the labs and classrooms of the [Center for the Environment](#)'s green facility.

Apply [here](#).

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## Climate Connections Workshop: Columbia, SC



The [SC State Climatology Office](#) in collaboration with the [Carolinas Integrated Sciences & Assessments](#) (CISA) and the [SC Water Resources Center](#) is hosting a one-day education [workshop in Columbia, SC](#) on Thursday, February 22 from 9:30AM-

3:30PM.

The workshop, [\*Weathering the Storm: Impacts of Extremes on South Carolina's Natural and Built Environment\*](#), will cover topics such as recent extreme events, flood risks, dam safety, surface water modeling, and wildfire risks and impacts. See further details at the Climate Connection Workshop [Eventbrite](#) page.

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## Job and Internship Opportunities with Adventure Scientists

Adventure Scientists recently posted three new opportunities to join their team in the Bozeman office:

1. Technology Systems Manager
2. Operations Manager
3. Grant Researcher and Writer



Adventure Scientists is a non-profit organization that equips domestic and international partners with data collected from the outdoors that are crucial to addressing environmental challenges. By leveraging the skills of the outdoor community, they gather difficult-to-obtain data, at any scale, anywhere. Their partners have included Harvard Medical School, World Resources Institute and the US Forest Service.

They offer a strong benefits package including a retirement match, healthcare stipend, staff development fund, dog friendly office, powder days and flexible work schedule. See their [job board](#) for detailed job descriptions and application instructions.

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The Rachel Carson Council, founded in 1965, is the national environmental organization envisioned by Rachel Carson to carry on her work after her death. We promote Carson's ecological ethic that combines scientific concern for the environment and human health with a sense of wonder and reverence for all forms of life in order to build a sustainable, just, and peaceful future.

Over the years we at RCC have been devoted to providing you the public with important, timely information about the environment. RCC exists because of donations from individuals like you.

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